

G2

GC-1395G
ENG

Gel-Coat External Mix System
For use with Polyester Resin and Gel-Coat

Part 21990-00

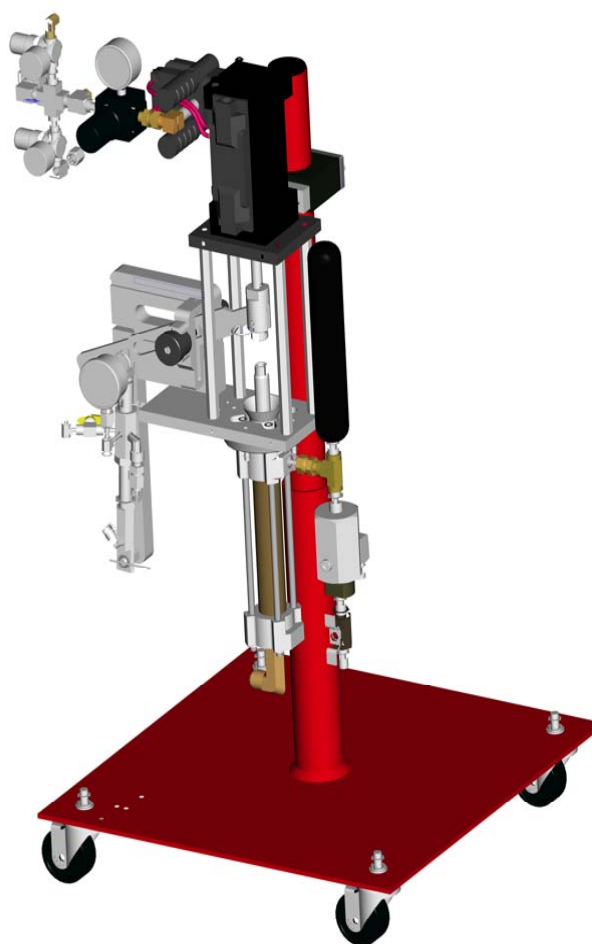
Maximum fluid working pressure:
1300 psi. (9 MPa, 90 bar)

Maximum air pressure:
100 psi. (0.7 MPa, 7 bar)



Important Safety Instructions

Read all warnings and instructions in
this manual. Save these instructions.



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N/A = Non Applicable






Warnings

The following warnings are for the setup, use, grounding, maintenance, and repair of this equipment. The exclamation point symbol alerts you to a general warning and the hazard symbol refers to procedure-specific risk. Refer back to these warnings. Additional, product-specific warnings may be found throughout the body of this manual where applicable.

- See Important Safety Information - MEKP, Polyester Resins and Gel-Coats and Spraying and Lamination Operations section of this manual.

 WARNING	
	<p>FIRE AND EXPLOSION HAZARD</p> <p>Flammable fumes, such as solvent and paint fumes, in work area can ignite or explode. To help prevent fire and explosion:</p> <ul style="list-style-type: none"> • Use equipment only in well ventilated area. • Eliminate all ignition sources; such as pilot lights, cigarettes, portable electric lamps, and plastic drop cloths (potential static arc). • Keep work area free of debris, including solvent, rags and gasoline. • Do not plug or unplug power cords, or turn power or light switches on or off when flammable fumes are present. • Ground all equipment in the work area. See Grounding instructions. • Use only grounded hoses. • Hold gun firmly to side of grounded pail when triggering into pail. • If there is static sparking or you feel a shock, stop operation immediately. Do not use equipment until you identify and correct the problem. • Keep a working fire extinguisher in the work area.
	<p>PERSONAL PROTECTIVE EQUIPMENT</p> <p>You must wear appropriate protective equipment when operating, servicing, or when in the operating area of the equipment to help protect you from serious injury, including eye injury, inhalation of toxic fumes, burns, and hearing loss. This equipment includes but is not limited to:</p> <ul style="list-style-type: none"> • Protective eyewear • Clothing and respirator as recommended by the fluid and solvent manufacturer • Gloves • Hearing protection
	<p>TOXIC FLUID OR FUMES HAZARD</p> <p>Toxic fluids or fumes can cause serious injury or death if splashed in the eyes or on skin, inhaled, or swallowed.</p> <ul style="list-style-type: none"> • Read MSDS's to know the specific hazards of the fluids you are using. • Store hazardous fluid in approved containers, and dispose of it according to applicable guidelines. • Always wear impervious gloves when spraying or cleaning equipment.

Warnings

 WARNING	
	<p>SKIN INJECTION HAZARD</p> <p>High-pressure fluid from gun, hose leaks, or ruptured components will pierce skin. This may look like just a cut, but it is a serious injury that can result in amputation. Get immediate surgical treatment.</p> <ul style="list-style-type: none"> Do not point gun at anyone or at any part of the body. Do not put your hand over the dispense outlet. Do not stop or deflect leaks with your hand, body, glove, or rag. Engage trigger lock when not spraying. Follow Pressure Relief Procedure in this manual, when you stop spraying and before cleaning, checking, or servicing equipment.
	<p>MOVING PARTS HAZARD</p> <p>Moving parts can pinch or amputate fingers and other body parts.</p> <ul style="list-style-type: none"> Keep clear of moving parts. Do not operate equipment with protective guards or covers removed. Pressurized equipment can start without warning. Before checking, moving, or servicing equipment, follow the Pressure Relief Procedure in this manual. Disconnect power or air supply.
	<p>EQUIPMENT MISUSE HAZARD</p> <p>Misuse can cause death or serious injury.</p> <ul style="list-style-type: none"> Do not operate the unit when fatigued or under the influence of drugs or alcohol. Do not exceed the maximum working pressure or temperature rating of the lowest rated system component. See Technical Data in all equipment manuals. Use fluids and solvents that are compatible with equipment wetted parts. See Technical Data in all equipment manuals. Read fluid and solvent manufacturer's warnings. For complete information about your material, request MSDS forms from distributor or retailer. Check equipment daily. Repair or replace worn or damaged parts immediately with genuine manufacturer's replacement parts only. Do not alter or modify equipment. Use equipment only for its intended purpose. Call your distributor for information. Route hoses and cables away from traffic areas, sharp edges, moving parts, and hot surfaces. Do not kink or over bend hoses or use hoses to pull equipment. Keep children and animals away from work area. Comply with all applicable safety regulations.
	<p>PRESSURIZED ALUMINUM PARTS HAZARD</p> <p>Do not use 1,1,1-trichloroethane, methylene chloride, other halogenated hydrocarbon solvents or fluids containing such solvents in pressurized aluminum equipment. Such use can cause serious chemical reaction and equipment rupture, and result in death, serious injury, and property damage.</p>

Important Safety Information

Methyl Ethyl Ketone Peroxide (MEKP)

MEKP is among the more hazardous materials found in commercial channels. Proper handling of the “unstable (reactive)” chemicals presents a definite challenge to the plastics industry. The highly reactive property which makes MEKP valuable to the plastics industry in producing the curing reaction of polyester resins and gel-coats also produces the hazards which require great care and caution in its storage, transportation, handling, processing and disposal.

Workers must be thoroughly informed of the hazards that may result from improper handling of MEKP, especially in regards to contamination and heat. They must be thoroughly instructed regarding the proper action to be taken in the storage, use and disposal of MEKP and other hazardous materials used in the laminating operation.



MEKP is flammable and potentially explosive, as well as potentially damaging to the eyes and skin.

Read material manufacturer's warnings and material MSDS to know specific hazards and precautions related to MEKP.

Contaminated MEKP can become explosive. Prevent contamination of MEKP with other materials, which includes, but is not limited to polyester overspray, polymerization accelerators and promoters, and non-stainless metals. Even small amounts of contaminants can make MEKP explosive. This reaction may start slowly, and gradually build-up heat, which can accelerate until fire or an explosion result. This process can take from seconds to days.

Heat applied to MEKP, or heat build-up from contamination reactions can cause it to reach what is called its Self-Accelerating Decomposition Temperature (SADT), which can cause fire or explosion.

Spills should be promptly removed, so no residues remain. Spillage can heat up to the point of self-ignition. Dispose in accordance with manufacture's recommendation.

Store MEKP in a cool, dry and well-ventilated area in the original containers away from direct sunlight and away from other chemicals. It is strongly recommended that the storage temperature remain below 86° F (30° C). Heat will increase the potential for explosive decomposition. Refer to NFPA 432. Keep MEKP away from heat, sparks and open flames.

Current catalysts are premixed and do not require any diluents. GlasCraft strongly recommends that diluents not be used. Diluents add to the possibility of contaminants entering the catalyst system. Never dilute MEKP with acetone or any solvent since this can produce an extremely shock-sensitive compound which can explode.

Use only original equipment or equivalent parts from GlasCraft in the catalyst system (i.e.: hoses, fittings, etc.) because a hazardous chemical reaction may result between substituted parts and MEKP.

To prevent contact with MEKP, appropriate personal protective equipment, including chemically impermeable gloves, boots, aprons and goggles are required for everyone in the work area.

Polyester Resins and Gel-Coats



Spraying materials containing polyester resin and gel-coats creates potentially harmful mist, vapors and atomized particulates. Prevent inhalation by providing sufficient ventilation and the use of respirators in the work area.

Read the material manufacturer's warnings and material MSDS to know specific hazards and precautions related to polyester resins and gel-coats.

To prevent contact with polyester resins and gel-coats, appropriate personal protective equipment, including chemically impermeable gloves, boots, aprons and goggles are required for everyone in the work area.

Spraying and Lamination Operations



Remove all accumulations of overspray, FRP sandings, etc. from the building as they occur. If this waste is allowed to build up, spillage of catalyst is more likely to start a fire.

If cleaning solvents are required, read material manufacture's warnings and material MSDS to know specific hazards and precautions. (GlasCraft recommends that clean-up solvents be nonflammable.)



GlasCraft recommends that you consult OSHA Sections 1910.94, 1910.106, 1910.107 and NFPA No. 33, Chapter 16,17, and NFPA No. 91 for further guidance.

Grounding



This equipment needs to be grounded.

Ground the dispense gun through connection to an GlasCraft approved grounded fluid supply hose.

Check your local electrical code and related manuals for detailed grounding instructions of all equipment in the work area.



A grounding wire and clamp are provided, assembly p/n 17440-00 with all FRP equipment.

Set-Up

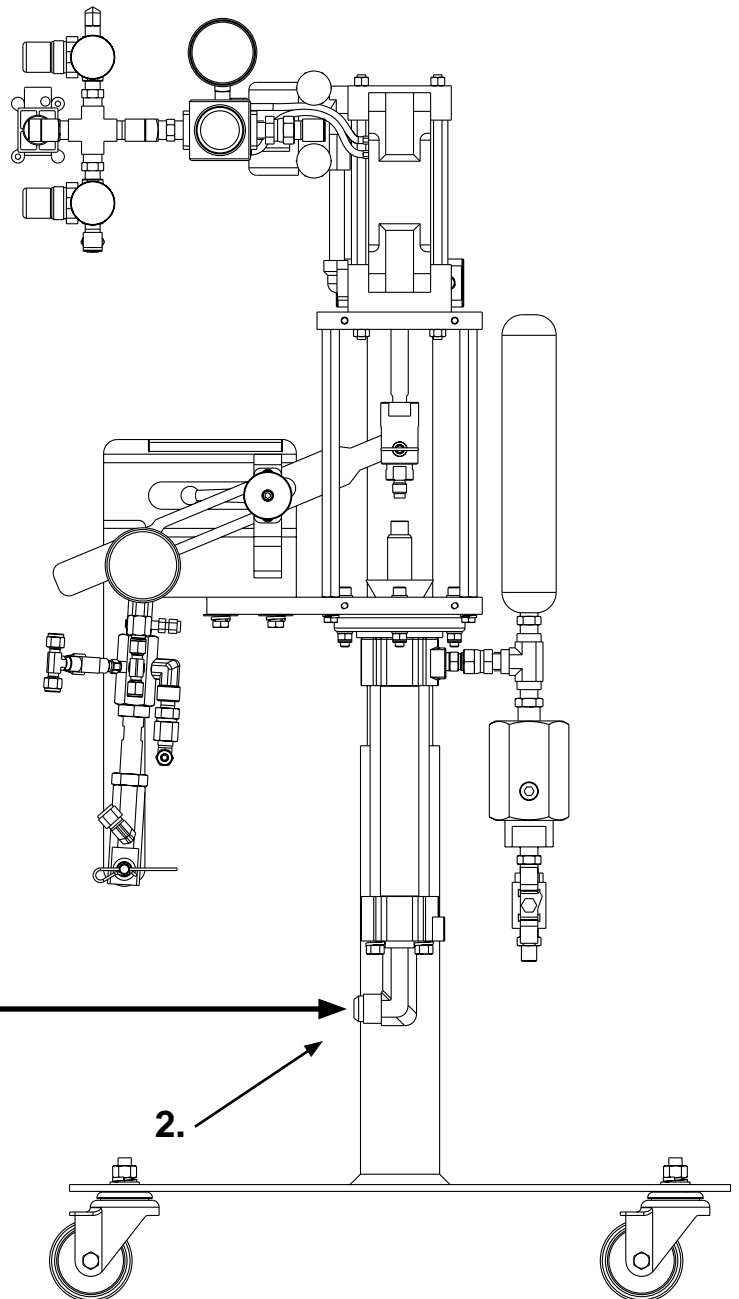
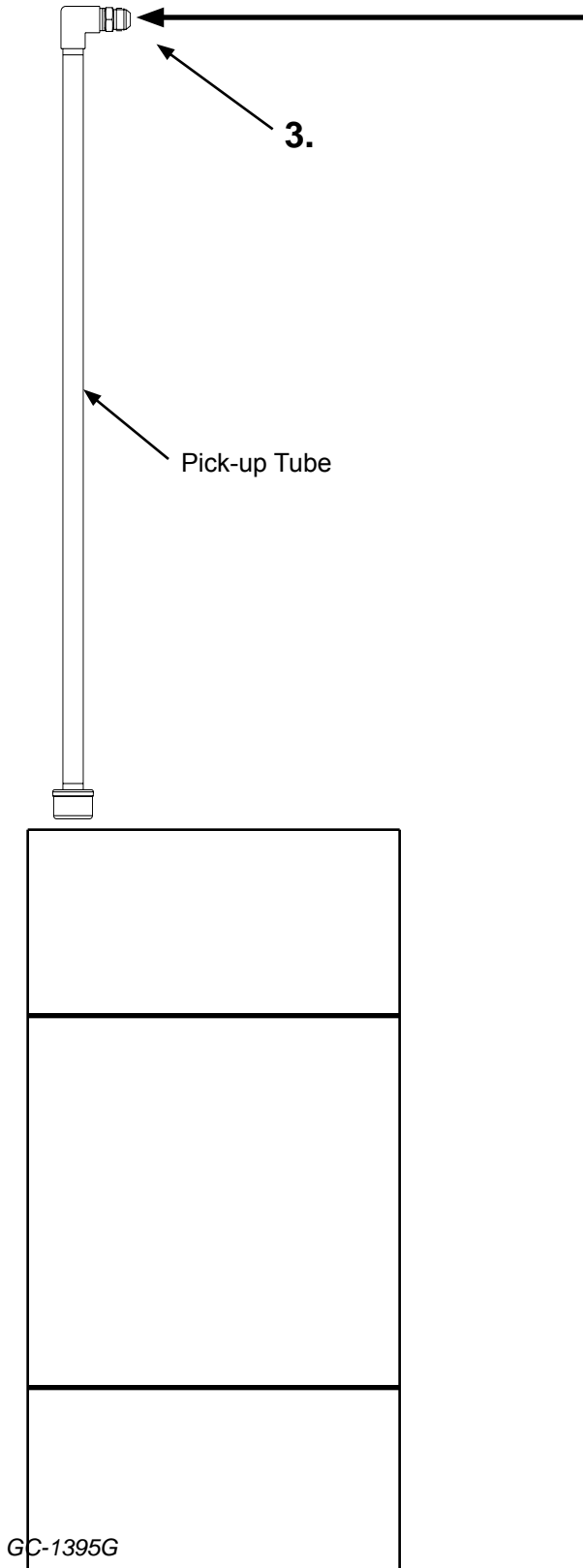
1. Remove the pump inlet safety cap and drain the testing oil into an open container. Before operating the material pump, flush thoroughly with a clean suitable solvent to remove test fluid.

2. Attach clear pick-up hose to the pump inlet fitting and tighten.

3. Attach clear pick-up hose to the pick-up tube.

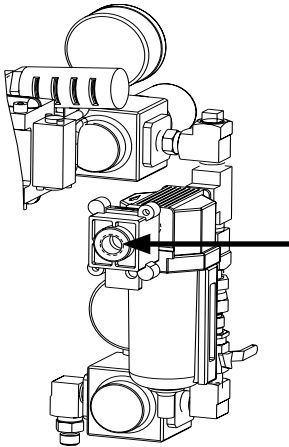


GlasCraft uses a test fluid that may not be compatible with some gel-coats or resins. Thus it is recommended that the test fluid be flushed from the Material Pump Fluid Section.



Set-Up

4. Select a clean, dry air supply.
5. Attach a 3/8" or larger air hose to the Air Inlet on the yellow air lock-out valve.

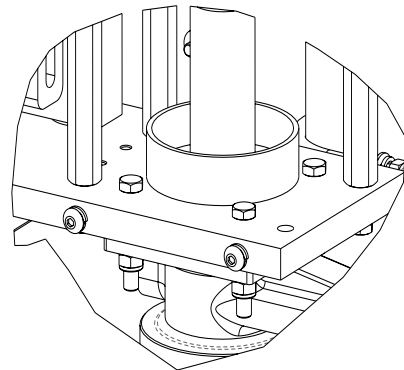


Whenever flammable or combustible liquids are transferred from one container to another, both containers shall be effectively bonded and grounded to dissipate static electricity.

For further information see.....

NFPA 77, Recommended Practice on Static Electricity.

8. Fill material pump lube cup with proper pump lube.



It is suggested that a quick disconnect fitting not be used for attaching air. Quick disconnect fittings can severely limit air flow.

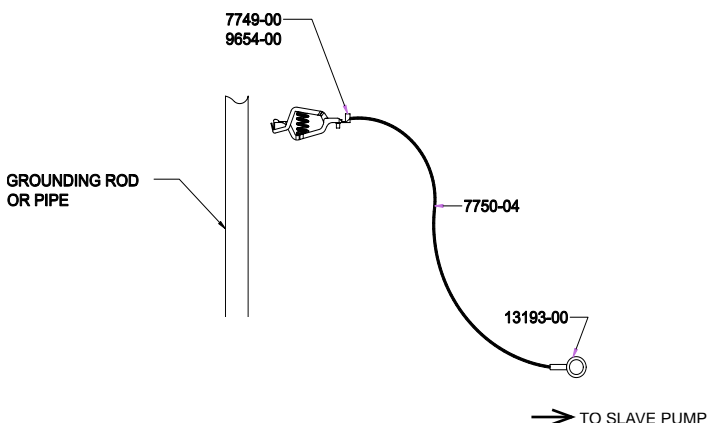


Before turning on main air, check all fittings, making certain they are securely tightened. This should be done before air or material of any kind is introduced into the system.

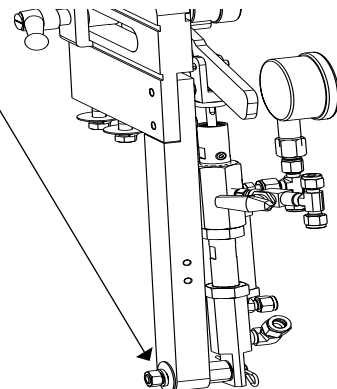


GlasCraft recommends you contact your material supplier for their recommendation of a lubricant that will be suitable for use with your material.

6. Attach Grounding Clamp Assembly, P/N 17440-00, to System. Use a convenient Nut and Bolt to secure Lug, P/N 13193-00, to slave pump.
7. Securely attach Clamp, P/N 7749-00 to permanently grounded rod or pipe.



Attach Here

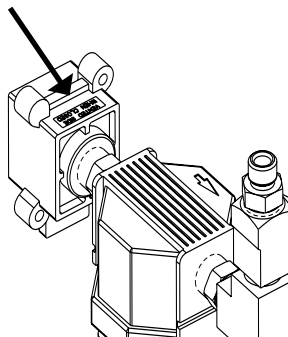


Pressure Relief Procedure

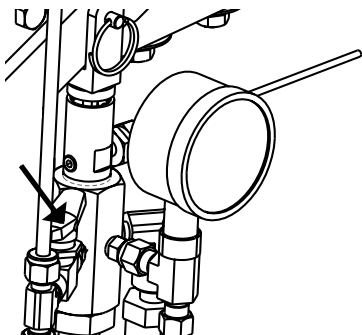


To relieve fluid and air pressures:

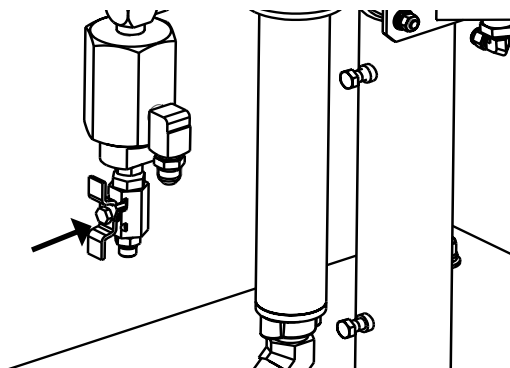
1. *Push down Yellow slide valve, P/N 21402-00 to bleed off air to system.*



2. *Open P/N 21228-00 on catalyst pump to recirculation position.*



3. *Open P/N 21192-00 on bottom of material pump.*



Start-Up

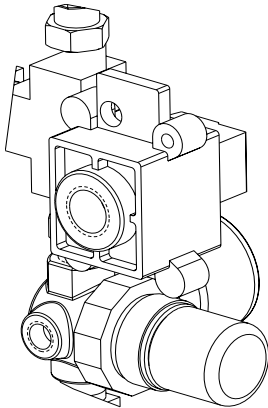
1. Pull and rotate Pivot knob to disengage the catalyst drive arm.

2. Turn the catalyst slave pump yellow ball valve to the open position.

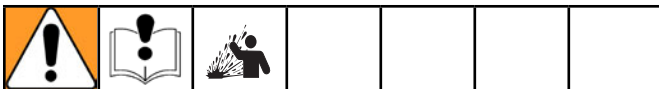
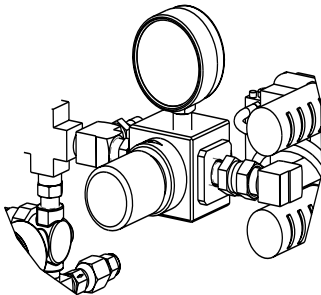
3. Hand prime the pump until a steady stream of catalyst flows back to the bottle.

4. Close the ball valve. Hand stroke the pump until it develops 30-40 PSI (2-3 bar).

5. Open the main air valve slowly.



6. Turn material regulator slowly clockwise until gauge indicates 10 PSI (0.7 bar). The pump will cycle slowly and stall when the pump is full of material.

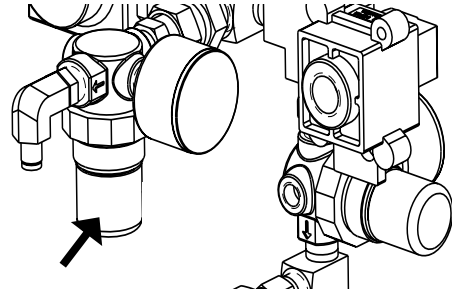


Do not exceed 10 PSI (0.7 bar) pressure on the Material Regulator until steady material flow has been established.

7. (**Formula Gun Only**) Adjust the trigger air regulator to 100 PSI (7 bar).

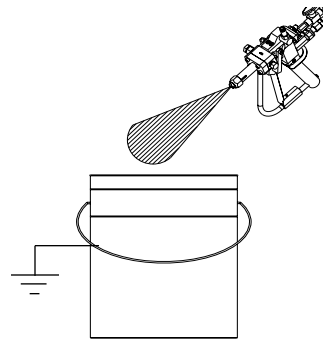


The trigger air should not exceed 100 PSI (7 bar).



8. Remove Cap, Catalyst Ring, Spray Tip and Spacer from the gun. (refer to gun manual)

9. Trigger the Gun until a steady material stream appears at the Nozzle Body. The material regulator should initially be set not to exceed 10 PSI (0.7 bar).




10. Once a steady material stream is achieved, release trigger and re-assemble all parts removed from the gun.






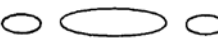
Cap, P/N LPA2-213, should be **HAND TIGHTENED ONLY**. Never use a wrench or pliers to assemble, tighten or remove this cap. If threads are clean and lubricated properly, hand assembly and removal will not be a problem. Use of wrenches or pliers will likely cause serve damage to the threads and/or Gun Head.

Start-Up

11. Slowly increase resin pressure regulator until desired spray pattern is achieved. (See Fig. 3)

 Follow step 12, if optional catalyst bottle is being used.

Typical Spray Pattern Development
(without Air Assist)



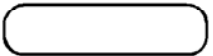
STEP	RESIN PRESSURE	PATTERN	PRESSURE ADJUSTMENT
1	20 PSI		INCREASE
2	25 PSI		INCREASE
3	30 PSI		INCREASE
4	35 PSI*		CORRECT

Final pressure typically ranges from 30-45 PSI (2.1-3.1 bar) depending on material used.

Fig. 3

12. Slowly increase Air Assist Air Pressure Regulator until tails disappear from spray pattern. (See Fig. 4)

Typical Spray Pattern Development
(with Air Assist)

STEP	AIR ASSIST ADJUSTMENT	PATTERN	PRESSURE ADJUSTMENT
1	CLOSED		INCREASE
2	15 PSI		INCREASE
3	30 PSI		CORRECT

Final air assist adjustment is complete when tails are eliminated and a uniform spray pattern is achieved. Final pressure typically ranges from 30-45 PSI (2.1-3.1 bar) depending on material used.

Fig. 4

13. Safely fill the Catalyst Supply Bottle, P/N LPA-165 (maximum two gallons) with preferred MEKP catalyst to a minimum level at least one inch above the catalyst bottle outlet fitting.

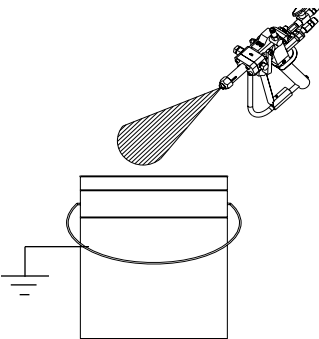


Remove Catalyst Bottle, P/N LPA-167-1, from Catalyst Bottle Bracket, P/N LPA-169, for filling.

Bottle should be placed at or below waist-level for safe filling.

Never fill Catalyst Bottle while mounted in Bracket as personal injury from catalyst spillage could result.


14. Trigger the Gun into a container until all the air is purged from the resin side of the system. It may be necessary to Hand stroke the Catalyst Pump several times while the gun is triggered to positively.



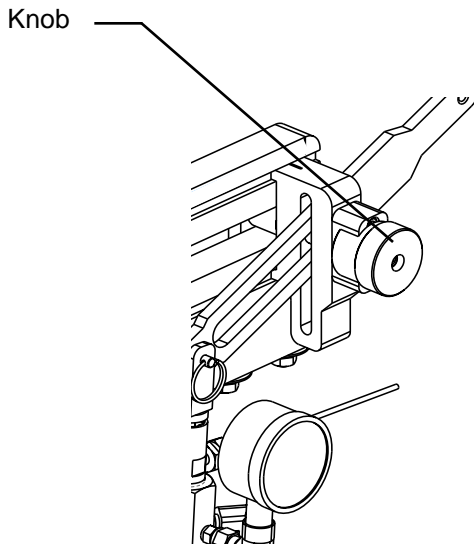
Start-Up

15. As soon as all air is eliminated, simultaneously release the Trigger and stop stroking Pump Arm.

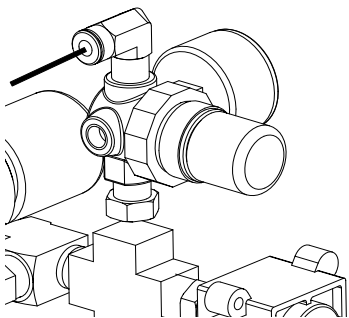
16. Check and make certain that Spray Gun Material and Catalyst Needles activate at exactly the same time.

 Catalyst Needle should never lead Material Needle as a loss of Catalyst system prime could result.

17. Engage Catalyst drive arm to Material Pump.




18. Adjust catalyst atomizing air pressure to 25 PSI (1.7 bar). This pressure may be adjusted to achieve desired catalyst droplet size.




19. Re-adjust catalyst calibration as required. This setting should be determined by the type of resin and catalyst being used.

20. Re-adjust catalyst atomizing air pressure to approximately 40 PSI (2.8 bar).

 Failure to activate the Catalyst Valve at the Gun when the Pump is cycling will result in an over-pressurization of the Catalyst Pump and the automatic opening on the Pressure Relief Valve.

21. While triggering the Gun, examine the atomized catalyst making certain it is properly entering the material pattern.

 If catalyst pattern is too narrow...
... increase catalyst atomizing air in 5 PSI (0.3 bar) increments.

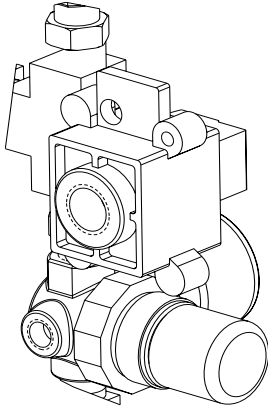
If catalyst pattern is too wide...
...decrease catalyst atomizing air in 5 PSI (0.3 bar) increments.

22. After all pressure adjustments have been completed, a final spray test should be made. Spray a test shot sample on a clean piece of paper. This shot should be approximately five feet in length. You can now check for desired gel time and uniformity of curing.

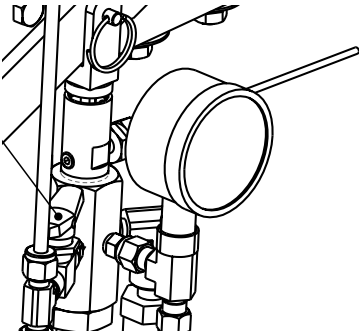
Shut-Down

Shut-Down Instructions

1. Turn the main air valve to "Off" position.



2. Turn catalyst yellow ball valve, P/N 21228-00 to Open / Recirculation position to dump psi. and close the valve.



3. Pressure should be maintained on the resin hose.
4. Refer to the manual to remove and clean the gun head parts. These parts should be cleaned thoroughly, inspected for wear or damage, O-Rings replaced if needed and placed aside for later re-assembly at next start-up.
5. Clean and inspect all internal and external threads of the Gun Head. After cleaning, dry and lubricate all threads with a light coat of petroleum jelly.

Make certain that the resin orifice on the inside of the Gun Head and the catalyst orifice on the outside of the Gun Head are covered with a small amount of the lubricant to prevent hardening and/or migration.



6. Use a light coating of petroleum jelly on all threads and o-rings during re-assembly.
7. Material pump should be stopped with Pump Shaft in UP position. Shaft should be cleaned of any over-spray or foreign material.
8. Material Pump Lube Cup should be emptied, cleaned and refilled with clean, compatible lubricant.
9. Material pump should now be cycled so that shaft is left in **DOWN** position during shut-down period.

*Failure to cycle Pump Shaft to **DOWN** position may result in over-spray or leaked material to dry or harden on Shaft. When Pump is next operated, severe damage may be done to Upper Pump Seals.*

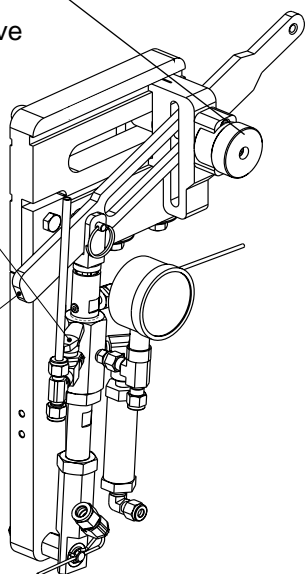
Daily Start-up

1. Pull and rotate Pivot knob to disengage the catalyst drive arm.

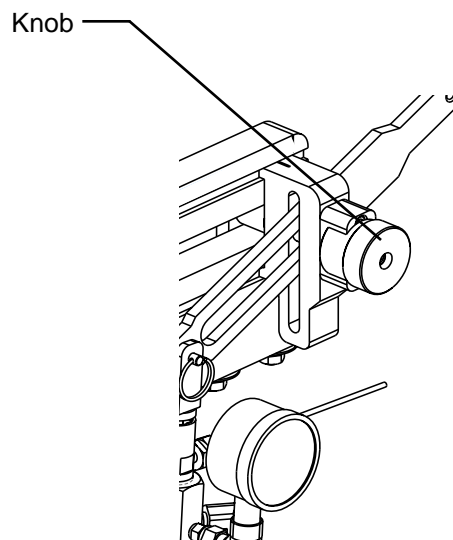
2. Turn the catalyst slave pump yellow ball valve to the open position.

3. Hand prime the pump until a steady stream of catalyst flows back to the bottle.

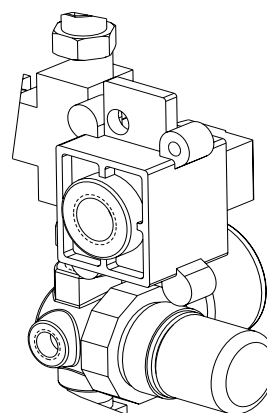
4. Close the ball valve. Hand stroke the pump until it develops 30-50 PSI (2 TO 3 BAR).



5. Engage Catalyst drive arm to Material Pump.



6. Open the main air valve slowly.



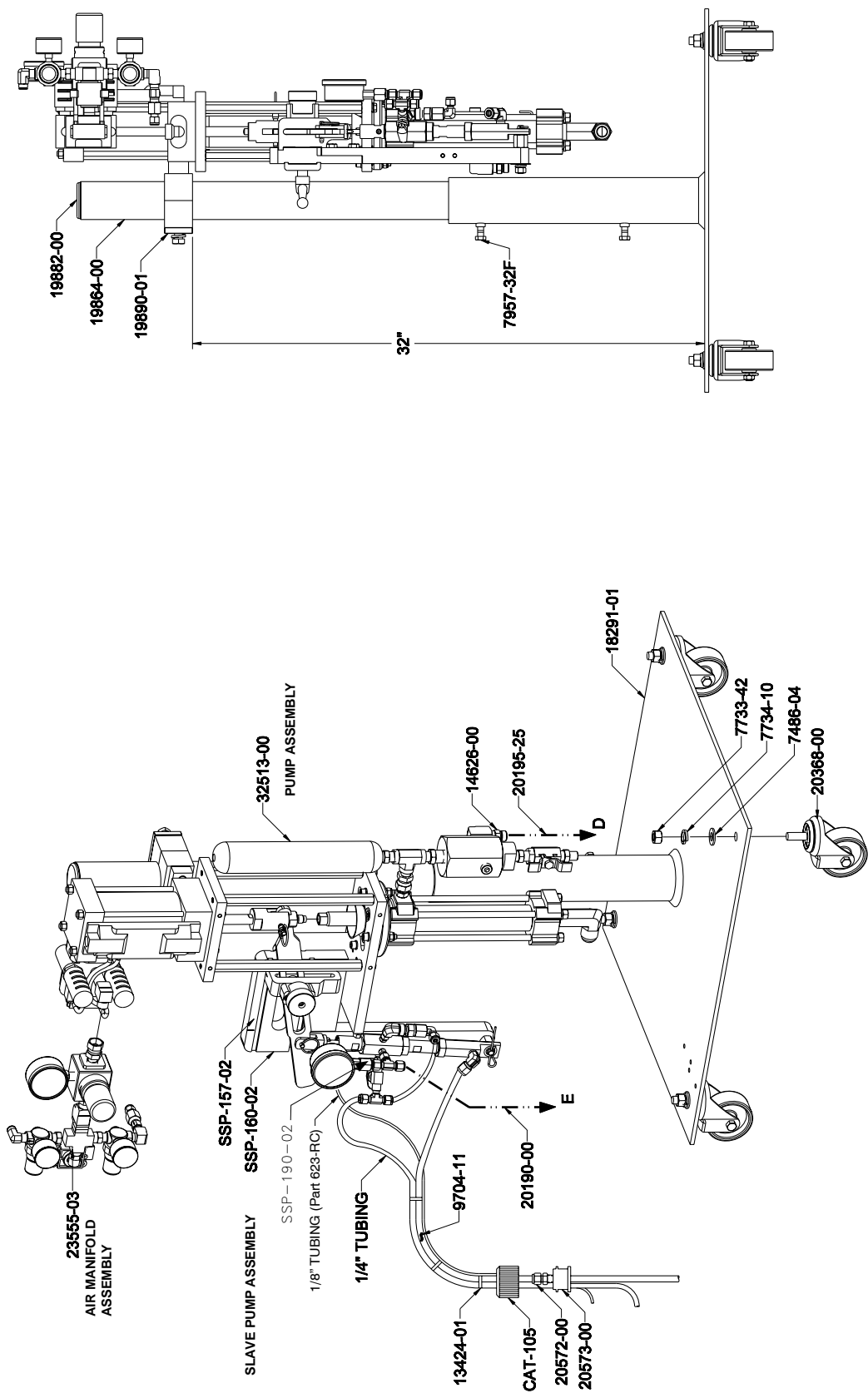
Parts

Model - G2 System

Part Number	Description
21990-00	G2-SSP External mix gel-coat system
32513-00	Material pump assembly 13:1 ratio (Refer to material pump manual)
SSP-160-02	Catalyst slave pump assembly (Refer to SSP manual)
20195-25	Material Hose Assembly 25 ft.
20190-00	Catalyst Hose Assembly 25 ft.
9704-53	AAC Tubing 30 ft. (Black)
9704-83	Atomizing Air Tubing 30 ft. (Red)
GAM-268	Material pump pick-up kit
17440-00	Grounding clamp assembly
GC-1395	User Manual

Assembly Drawings

21990-00 Assembly

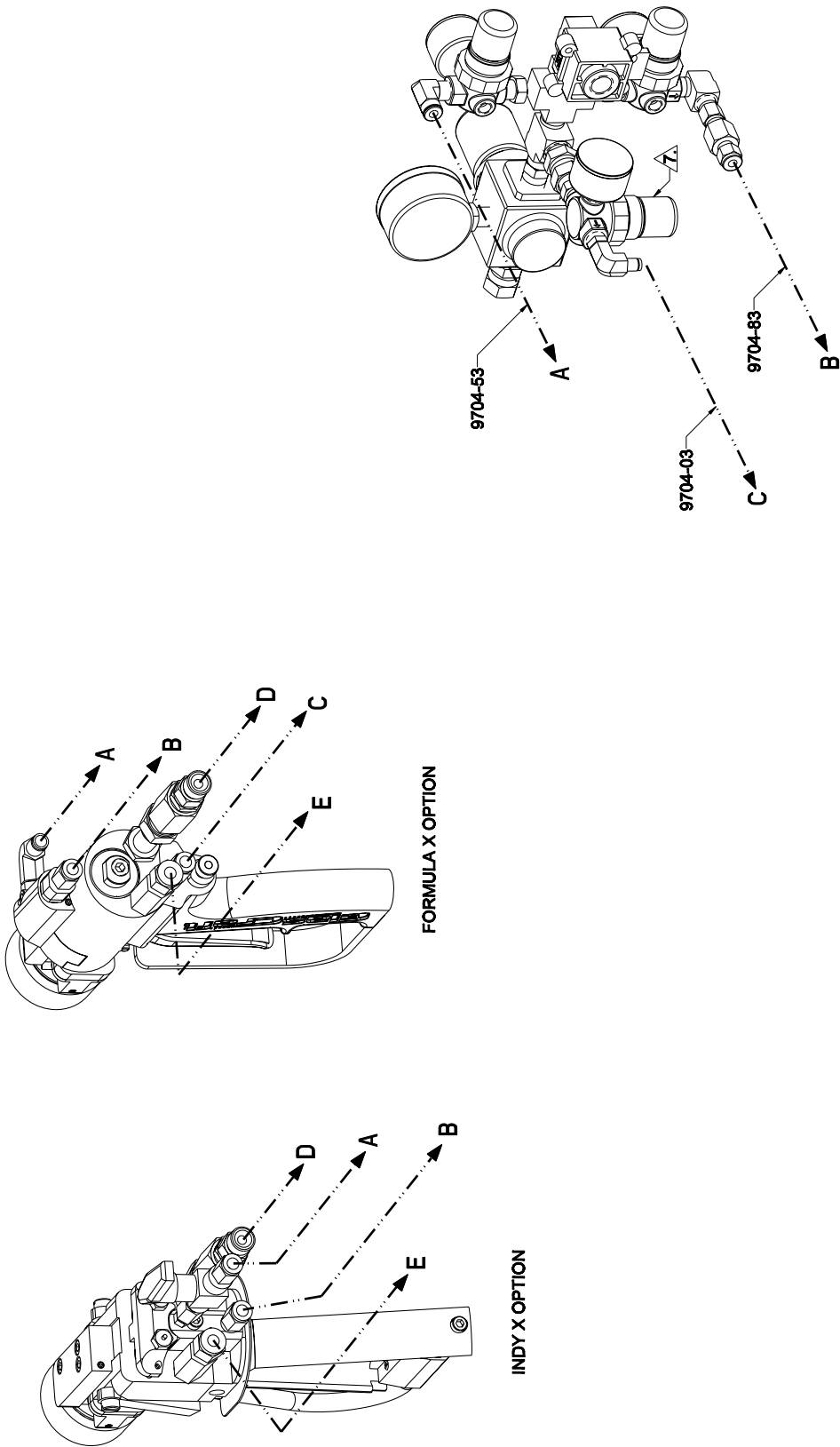


REVISION D

GC-1395G

Assembly Drawings

21990-00 Assembly



△ FORMULA GUN ONLY: REMOVE P/N 1625-23 (REF.) FROM AIR MANIFOLD AND REPLACE WITH P/N 22832-00 (REF.)

REVISION D

Assembly Drawings

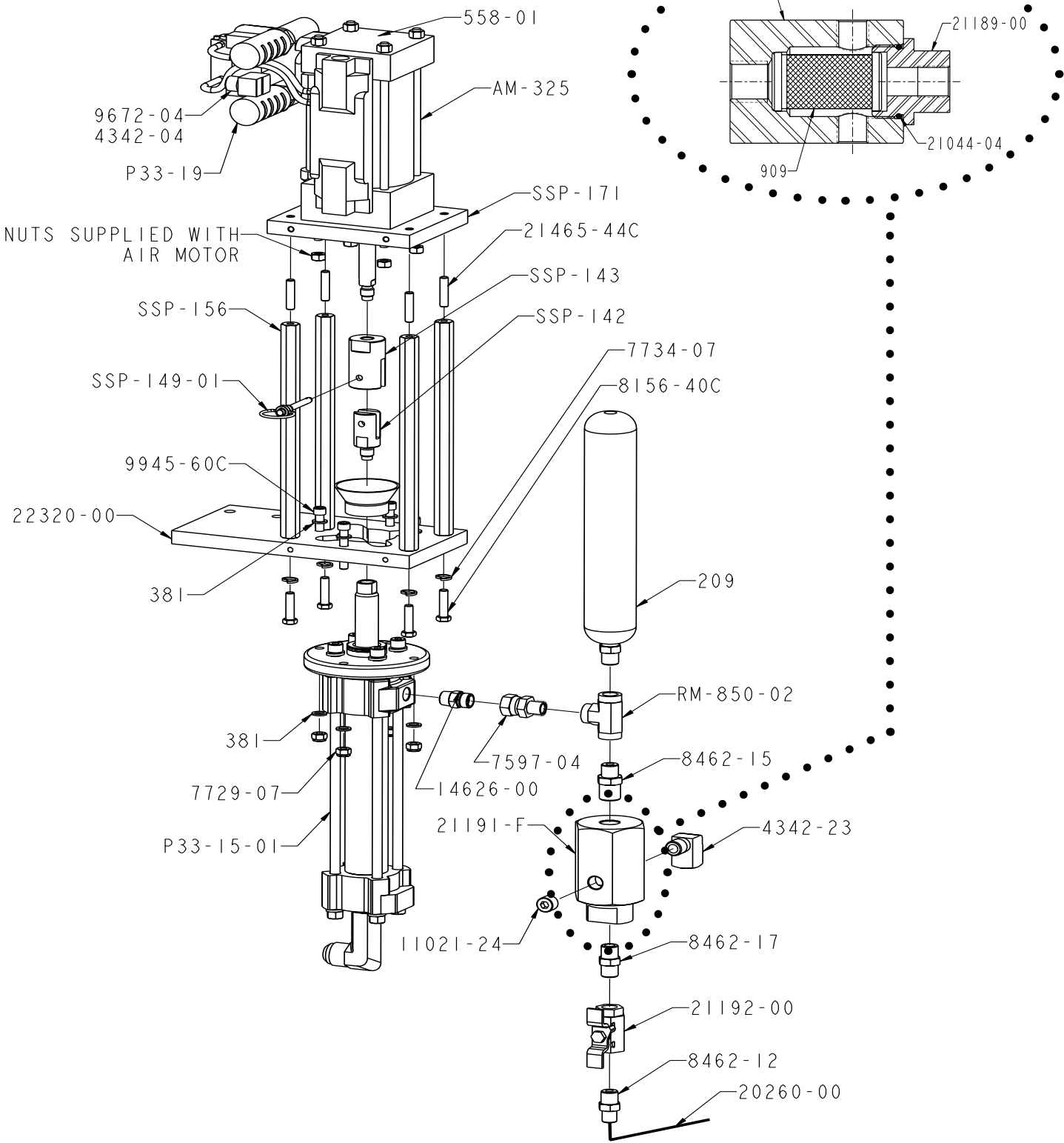
21990-00 Assembly

Part Number	Description
CAT-105	CAP
G-403	TARP STRAP
GAM-268	PICK-UP TUBE ASSEMBLY
SSP-157-02	CALIBRATION DECAL
SSP-160-02	SLAVE PUMP MOUNTING BRACKET
13424-01	CABLE TIE
17440-00	GROUNDING CLAMP
18291-01	FLOOR BASE
19019-01	FLUID SECTION REPAIR KIT
19845-00	FRP LITERATURE KIT
19864-00	SUPPORT MAST
19882-00	SUPPORT MAST CAP
19890-01	MOUNTING CLAMP
20190-00	CATALYST HOSE
20195-25	MATERIAL HOSE
20368-00	SWIVEL CASTER
20572-00	FITTING
20573-00	BOTTLE LID
23555-03	AIR MANIFOLD
32513-00	13:1 PUMP ASSEMBLY
3923-02	SPIRAL WRAP
7486-04	WASHER
7733-42	HEX NUT
7734-10	LOCK WASHER
7957-32F	SCREW
9704-03	TRIGGER AIR TUBING
9704-53	AAC TUBING
9704-83	ATOMIZING AIR TUBING

REVISION C

Sub-Assembly Drawings

32513-00 Material Pump Assembly



REVISION A

Sub-Assembly Drawings

32513-00 Material Pump Assembly

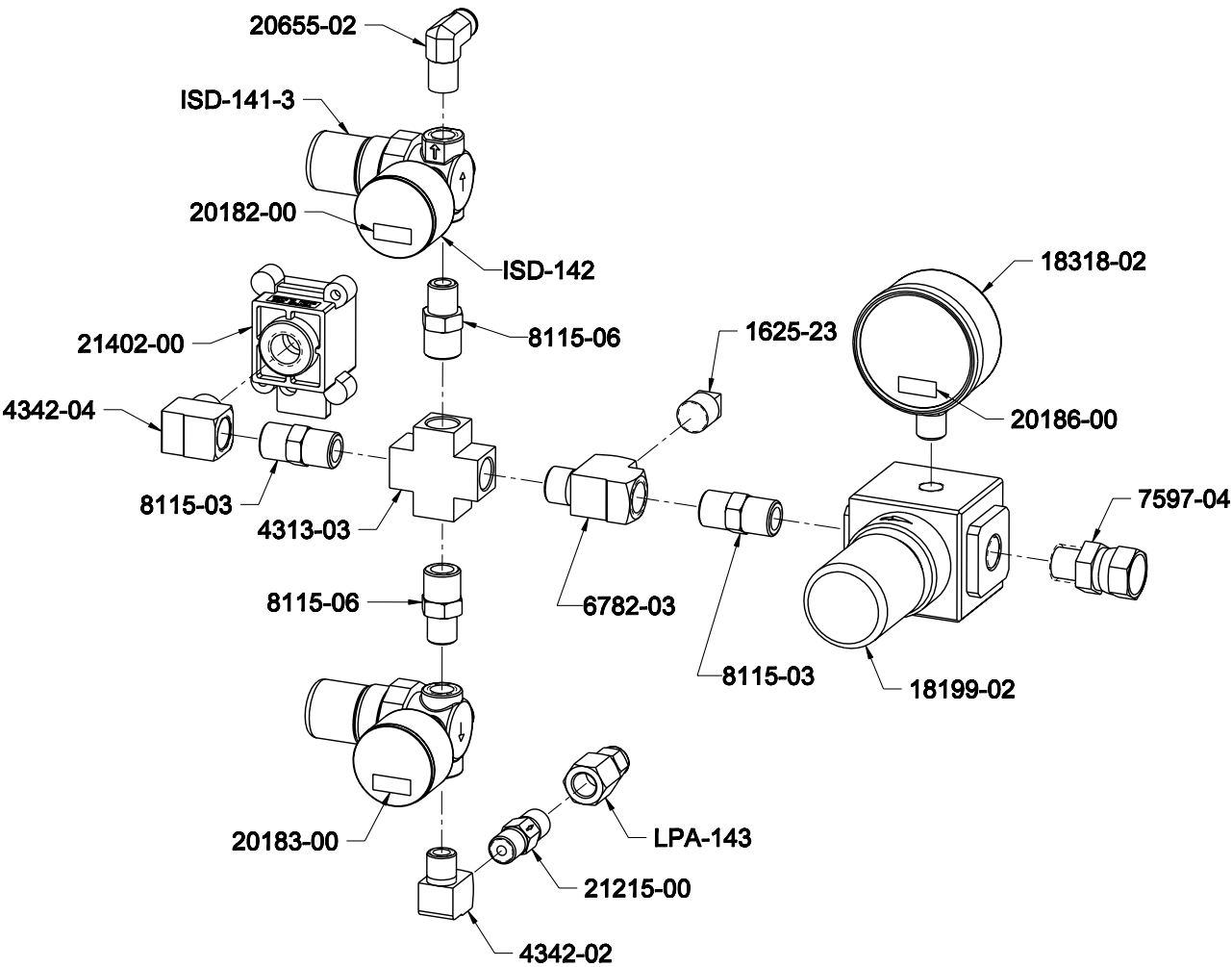
Part Number	Description	Qty.
AM-325	AIR MOTOR	1
P33-15-01	FLUID SECTION	1
P33-19	EXHAUST SILENCER	2
RM-850-02	TEE FITTING	1
SSP-142	SHAFT INSERT	1
SSP-143	SHAFT ADAPTER	1
SSP-149-01	LOCKING DETENT PIN	1
SSP-156	SLAVE PUMP STANDOFF	4
SSP-171	AIR MOTOR PLATE	1
11021-24	PIPE PLUG	1
14626-00	FITTING	1
19605-00	PUMP TAG	1
20260-00	BLEED HOSE	1
209	SURGE CHAMBER	1
21191-F	FLUID FILTER	1
21192-00	BALL VALVE	1
21465-44C	5/16" STUD	4
22320-00	SLAVE PUMP PLATE	1
381	WASHER	8
4342-04	ELBOW FITTING	1
4342-23	ELBOW FITTING	1
558-01	GLASCRAFT NAMEPLATE	1
563	OSHA TAG	1
7597-04	SWIVEL FITTING	1
7729-07	HEX NUT	4
7734-07	LOCK WASHER	4
8156-40C	SCREW	4
8462-12	FITTING	1
8462-15	FITTING	1
8462-17	FITTING	1
8560-03	CONNECTOR FITTING	1
9672-04	FITTING	1
9945-60C	SCREW	4

Part Number	Description	Qty.
909	100 MESH FILTER	1
21044-04	O-RING	1
21189-00	RETAINER NUT	1
21219-00	HOUSING	1

REVISION A

Sub-Assembly Drawings

23555-03 Air Manifold Assembly



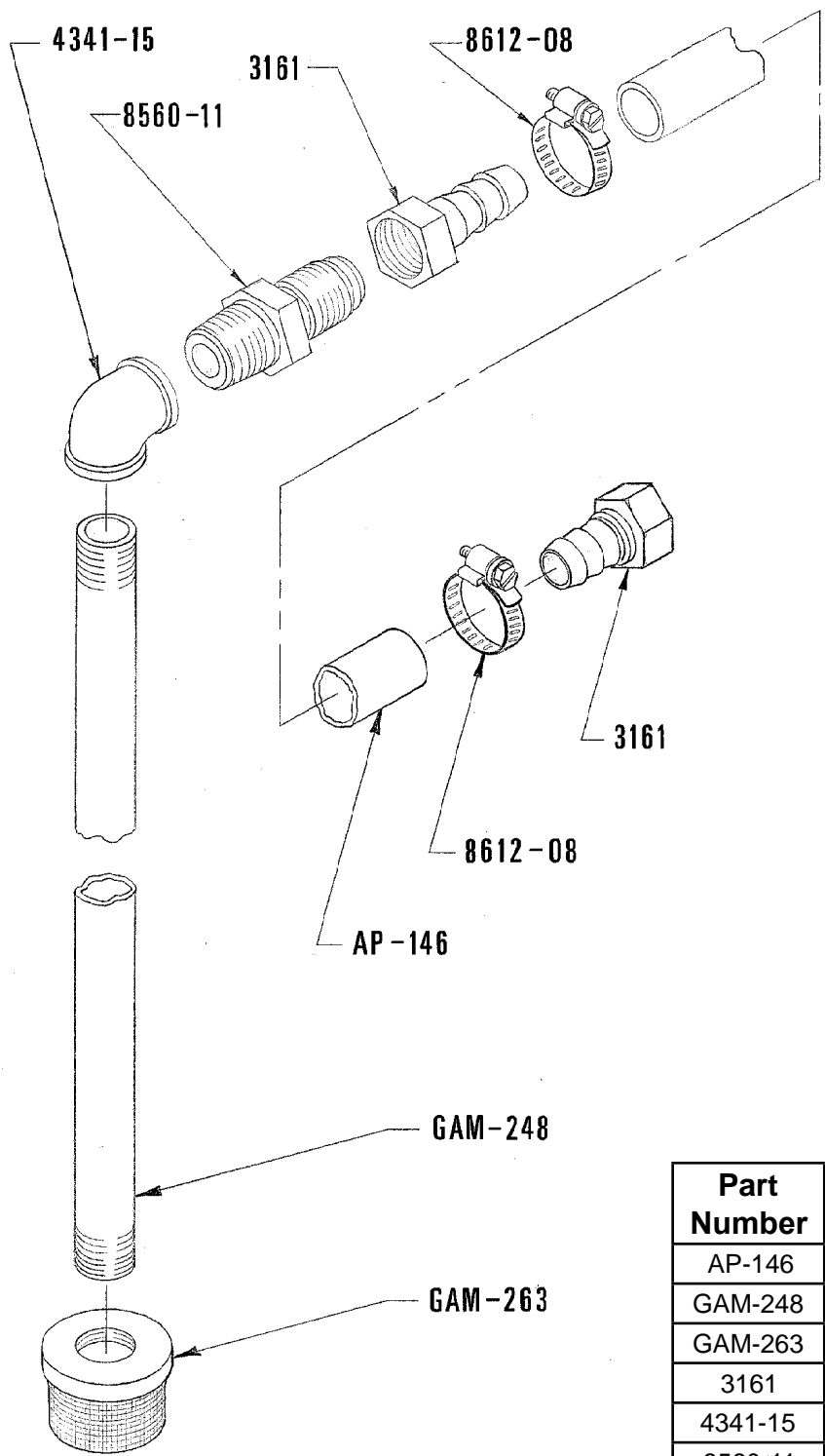
Part Number	Description	Qty.
ISD-141-3	MINI REGULATOR	2
1625-03	PIPE PLUG	1
4342-04	ELBOW FITTING	1
ISD-142	GUAGE	2
LPA-143	FITTING	1
18199-02	AIR REGULATOR	1
18318-02	AIR GUAGE	1
20182-00	MANIFOLD AAC DECAL	1
20183-00	ATOMIZE DECAL	1
20186-00	MAT'L DECAL	1
20655-02	ELBOW FITTING	1

Part Number	Description	Qty.
21215-00	RELIEF VALVE	1
21402-00	3-WAY VALVE	1
4313-03	CROSS FITTING	1
4342-02	ELBOW FITTING	1
6782-03	TEE FITTING	1
7597-04	SWIVEL FITTING	1
8115-03	FITTING	2
8115-06	FITTING	2

REVISION D

Sub-Assembly Drawings

GAM-268 Material Pick-Up Kit Assembly



Part Number	Description	Qty.
AP-146	HOSE	6 FT.
GAM-248	PICK-UP TUBE	1
GAM-263	FILTER	1
3161	HOSE FITTING	2
4341-15	ELBOW FITTING	1
8560-11	FITTING	1
8612-08	BAND CLAMP	2

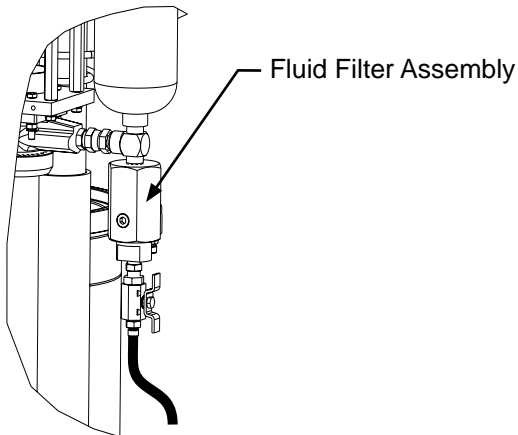
REVISION E

Maintenance

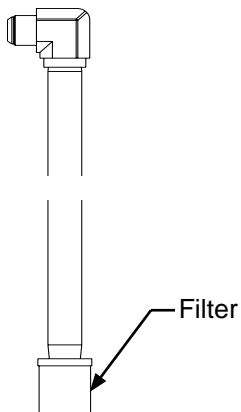


See Indy and Formula gun manuals for daily maintenance and parts replacement procedures.

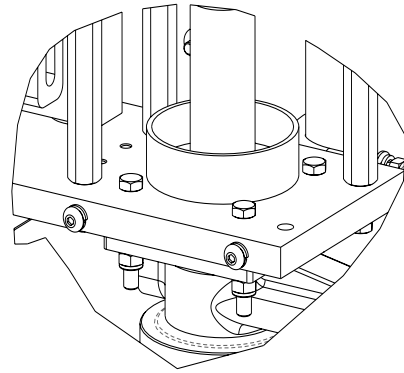
1. Clean filter at resin pump. When opening pump relief valve, make sure all resin and air is evacuated from surge bottle.



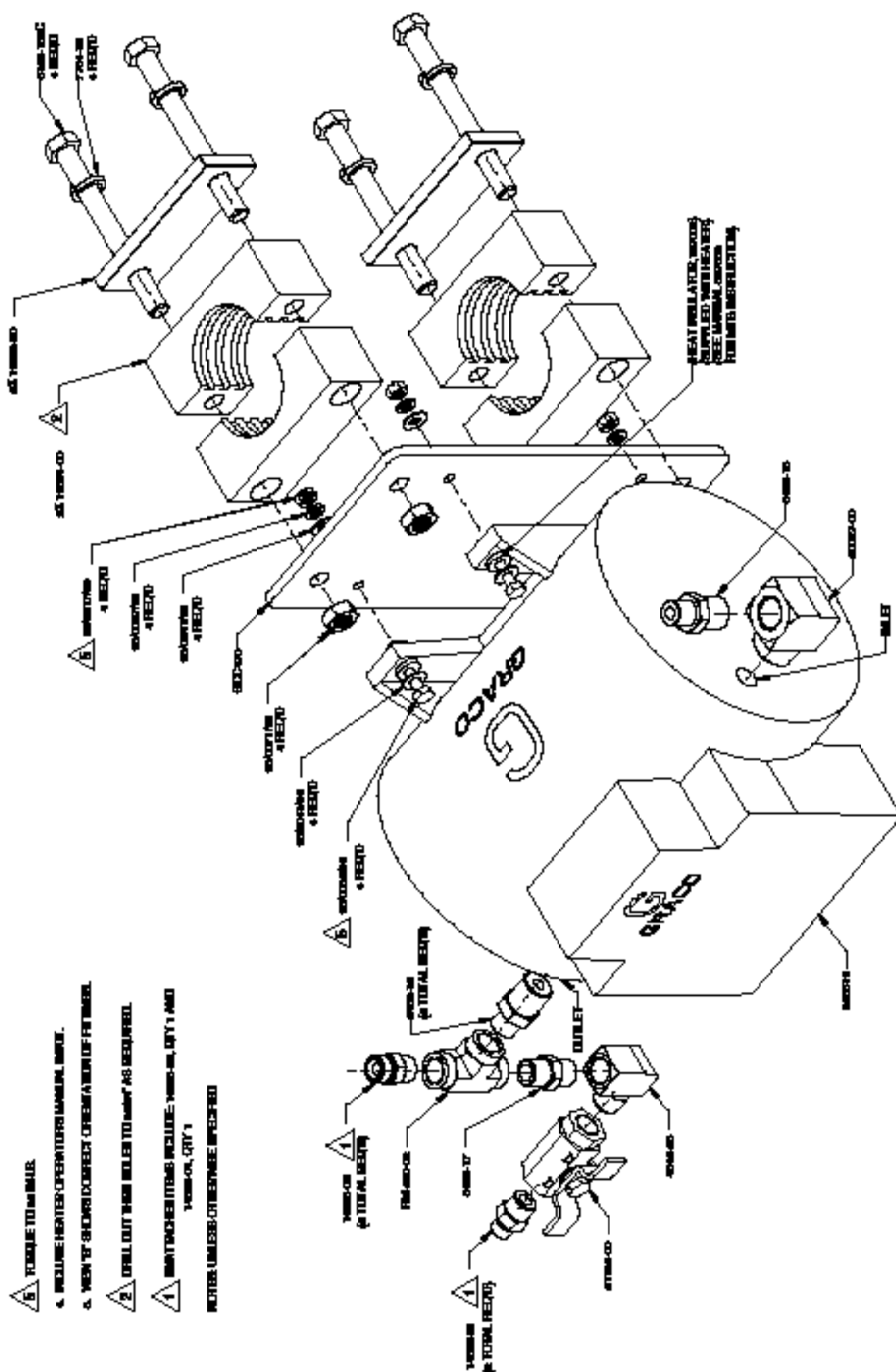
2. Inspect and clean filter on pick-up wand.



3. Clean pump lube cup and add fresh pump lube.

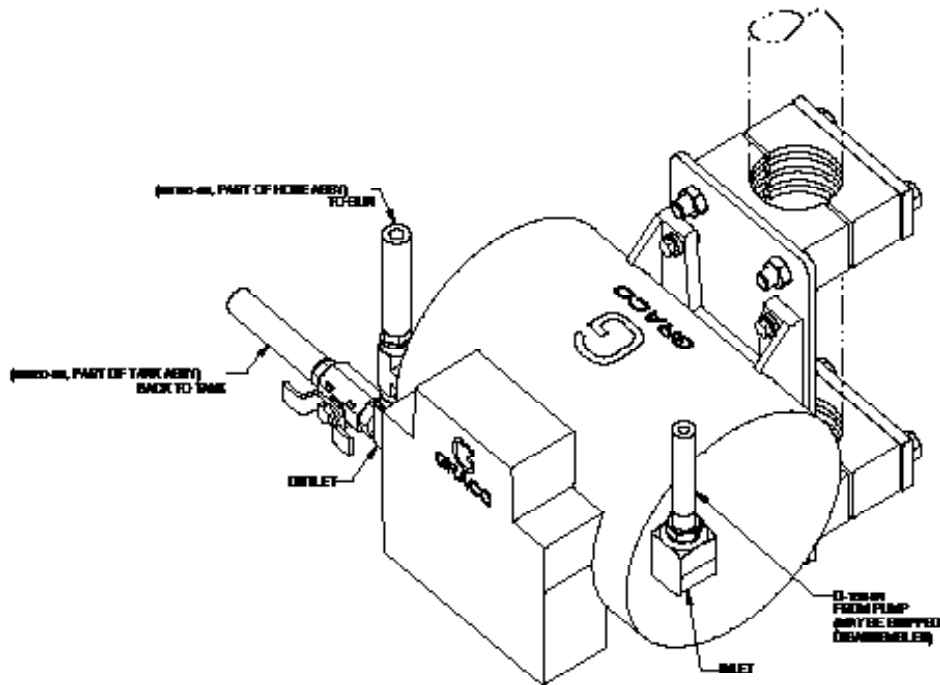


21460-00 Heater Conversion Kit Assembly



Accessories

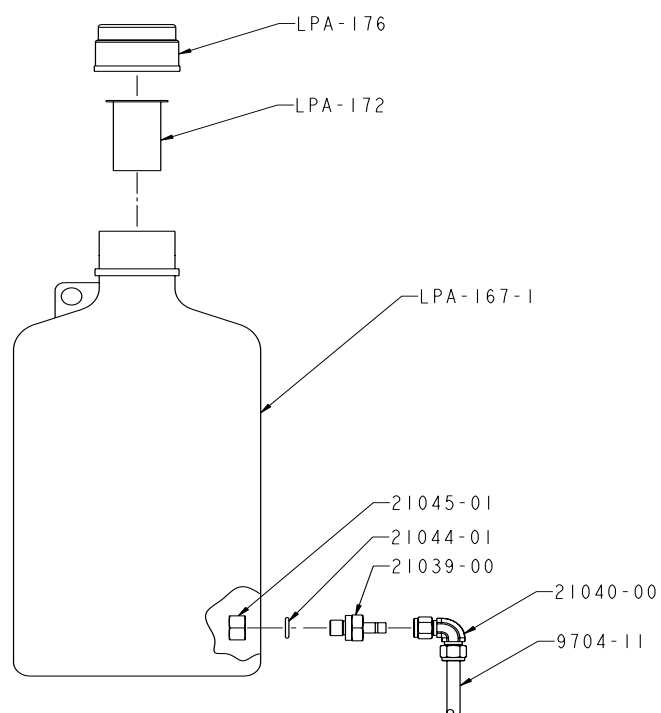
21460-00 Heater Conversion Kit Assembly



Part Number	Description	Qty
D-156-04	HOSE, ASSY	1
RM-850-02	FITTING, PIPE, TEE, 3/8	1
14626-00	FITTING, 3/8NPT X 3/8 NPS	2
14626-01	FITTING, 3/8NPT X 1/4 NPSM	2
19891-00	CLAMP, PIPE, SET	2
19892-00	PLATE, COVER, CLAMP	2
20027-00	FITTING, ELBOW, 1/2NPTM X 1/2NPTF CP	1
226819	HEATER, VISCON (240 VOLT)	1
21192-00	VALVE, BALL, 2-WAY, 3/8	1
GCC470	PLATE, HEATER, MOUNTING	1
96/0017/99	NUT, HEX, 1/4-20, MS, GR2	4
4342-23	FITTING, ELBOW, 3/8 NPTM X 3/8 NPTF	1
7734-10	WASHER, LOCK, SPRING, 1/2	4
8155-160C	SCREW, HXHD, CS, .500-13X5.000ZP	4
8462-15	FITTING, PIPE, NIPPLE, HEX, 1/2 X 3/8 NPT	2
8462-17	FITTING, PIPE, NIPPLE, HEX, 3/8 X 3/8 NPT	1
96/0071/99	NUT, HEX, 1/2-13, MS, GR2	4
96/0037/99	WASHER, LOCK, SPLIT, 1/4, MS	4
96/0041/99	WASHER, FLAT, 1/4, 0.28 X 0.63 X 0.065	8
96/0058/99	SCREW, HHC, 1/4-20 X 1.50, MS, GR5	4

Accessories

LPA-165 Catalyst Bottle Assembly

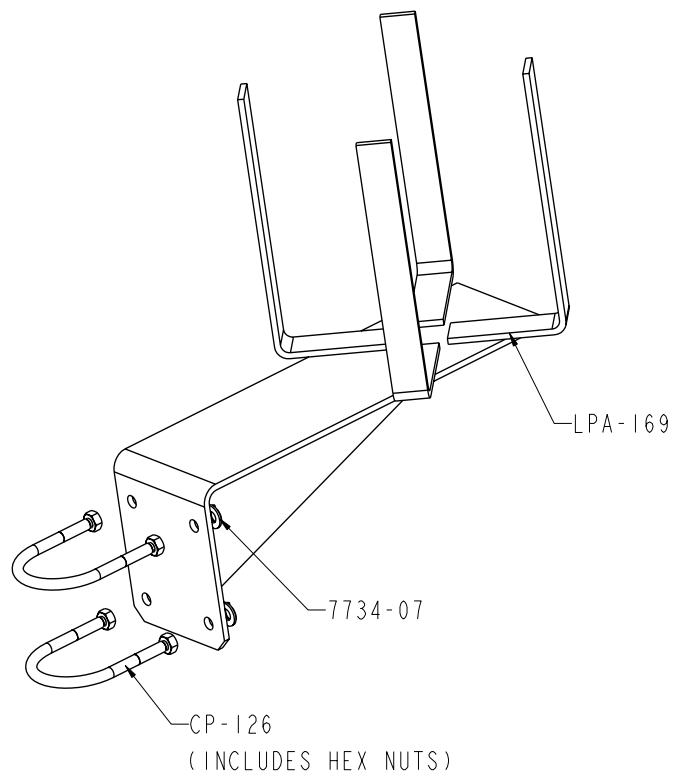


Part Number	Description	Qty.
LPA-167-1	BOTTLE	1
LPA-172	SCREEN	1
LPA-176	CAP	1
21039-00	TUBE ADAPTER	1
21040-00	ELBOW FITTING	1
21044-01	SEAL	1
21045-01	HEX NUT	1
9704-11	TUBING	5

REVISION N

Accessories

LPA-170 Catalyst Bottle Bracket Assembly



Part Number	Description	Qty.
CP-126	U-BOLT	2
LPA-169	BOTTLE SUPPORT	1
7486-07	WASHER	4
7734-07	LOCK WASHER	4

REVISION B

Technical Data

Category	Data
Maximum Fluid Working Pressure	1300 psi (9 MPa, 90 bar)
Maximum Air Inlet Pressure	100 psi (0.7 MPa, 7 bar)
Typical Flow Rate of Pattern Guns	Refer to gun manual
Maximum Fluid Temperature	100° F (38° C)
B Component (Resin) Inlet Size	1 5/16-12 UN-2A Male
Sound Pressure	81.71 dB(A)
Sound Power, measured per ISO 9614-2	82.82 dB(A)
Dimensions	30 L X 30 W X 59 H (762 X 762 X 1498.6 mm)
Weight	175 Lbs. (80 kg)
Wetted Parts	Catalyst- Chemically coated aluminum, stainless steel, chemically resistant o-rings Resin- Carbon steel, carbide, chemically resistant o-rings.

This image shows a full page of blank, lined paper. It features approximately 28 evenly spaced horizontal black lines across its entire width, providing a template for writing or drawing. The margins are consistent on all sides.

Graco Ohio Standard Warranty

Graco warrants all equipment referenced in this document which is manufactured by Graco and bearing its name to be free from defects in material and workmanship on the date of sale to the original purchaser for use. With the exception of any special, extended, or limited warranty published by Graco, Graco will, for a period of twelve months from the date of sale, repair or replace any part of the equipment determined by Graco to be defective. This warranty applies only when the equipment is installed, operated and maintained in accordance with Graco's written recommendations.

This warranty does not cover, and Graco shall not be liable for general wear and tear, or any malfunction, damage or wear caused by faulty installation, misapplication, abrasion, corrosion, inadequate or improper maintenance, negligence, accident, tampering, or substitution of non-Graco component parts. Nor shall Graco be liable for malfunction, damage or wear caused by the incompatibility of Graco equipment with structures, accessories, equipment or materials not supplied by Graco, or the improper design, manufacture, installation, operation or maintenance of structures, accessories, equipment or materials not supplied by Graco.

This warranty is conditioned upon the prepaid return of the equipment claimed to be defective to an authorized Graco distributor for verification of the claimed defect. If the claimed defect is verified, Graco will repair or replace free of charge any defective parts. The equipment will be returned to the original purchaser transportation prepaid. If inspection of the equipment does not disclose any defect in material or workmanship, repairs will be made at a reasonable charge, which charges may include the costs of parts, labor, and transportation.

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Original instructions. This manual contains English. GC-1395

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